

For Research Use Only

HMCN2 Polyclonal antibody

Catalog Number:32178-1-AP



Basic Information

Catalog Number:

32178-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37696

GenBank Accession Number:

XM_011518465.3

GeneID (NCBI):

256158

UNIPROT ID:

Q8NDA2

Full Name:

hemicentin 2

Calculated MW:

542kDa, 5059aa

Observed MW:

550 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:200-1:1000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells,

IP : SH-SY5Y cells,

Background Information

HMCN2 (Hemicentin-2) is a large extracellular matrix protein belonging to the fibronectin family. HMCN2 proteins form a complex network of microfibrils in the extracellular matrix that is essential for the maintenance of tissue structure and function. HMCN2 is expressed in epithelial cells and muscle tissues, and may play an important role in muscle-tendon attachment. HMCN2 expression and localization suggests that it has an important role in maintaining the integrity of skin and muscle tissue. It may maintain tissue structure and function by interacting with other extracellular matrix proteins, such as fibronectin and elastic fibers.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

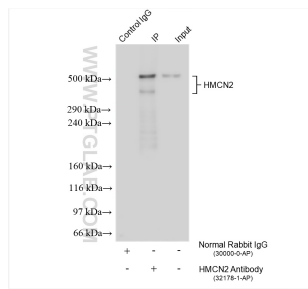
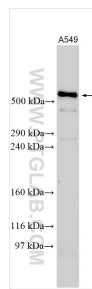
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Selected Validation Data



Various lysates were subjected to Tris-Acetate gel system followed by western blot with 32178-1-AP (HMCN2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.

IP result of anti-HMCN2 (IP:32178-1-AP, 4ug; Detection:32178-1-AP 1:600) with SH-SY5Y cells lysate 1720 ug.